

84556. ABIES sp. Pinaceae. Fir.

From southwestern China. Seeds collected by Dr. J. F. Rock, National Geographic Society, Washington, D. C. Received January 10, 1930.

No. 18488. From the eastern slopes of the Likiang Snow Range, November, 1929. A tree 50 to 80 feet high with pale-brown bark, long pale-green leaves, white beneath, and yellowish brown cones about 6 inches long. Found between 9,500 and 10,500 feet altitude in company with pines. The wood is said to be valuable.

84557. CANNA sp. Cannaceae.

From Brazil. Seeds collected by Mrs. Agnes Chase, United States Department of Agriculture. Received January 7, 1930.

Araruama, Rio de Janeiro, December 11, 1929. A canna with bright yellow flowers, found on moist sandy ground.

84558. LEUCAENA TRICHODES (Jacq.) Benth. Mimosaceae.

From Tahara, Piura, Peru. Seeds presented by Oscar Haught. Received January 9, 1930.

An evergreen shrub with bipinnate leaves having two to three pairs of pinnae and three to five pairs of ovate leaflets. The small whitish flowers are in dense heads which are borne in pairs on axillary peduncles. Native to Peru.

84559. COFFEA ARABICA L. Rubiaceae. Arabian coffee.

From Trinidad, British West Indies. Seeds presented by R. O. Williams, Superintendent and Assistant Botanist, Botanic Garden, Department of Agriculture. Received January 24, 1930.

San Ramon.

84560 to 84562. CITRUS spp. Rutaceae.

From Acireale, Sicily. Seeds presented by Dr. H. S. Fawcett, University of California. Received January 9, 1930.

84560. CITRUS NOBILIS DELICIOSA (Ten.) Swingle. Mandarin orange.

No. 22. From Villa Maltese, Portici, Italy, December 9, 1929. A mandarin, superior in size and color.

84561. CITRUS sp.

No. 39.

84562. CITRUS sp.

No. 21. From the Agricultural School, Portici, Italy, December 9, 1929. A large flat-fruited, sour orange.

84563. CITRUS MIARAY Wester. Rutaceae. Miaray.

From Manila, Philippine Islands. Seeds presented by P. J. Wester, Bureau of Agriculture, Manila. Received January 6, 1930.

A handsome ornamental tree suggested as a stock for cultivated citrus fruits. It has slender drooping willowy branches, dark-green leaves, and fruits resembling the lime in appearance and flavor. Native to the Philippine Islands.

For previous introduction see No. 81995.

84564. CITRUS sp. Rutaceae.

From Valencia, Spain. Seeds presented by R. Planelles Granell, through H. J.

84564—Continued.

Quayle, at the request of Dr. H. S. Fawcett, University of California. Received January 4, 1930.

No. 32. From near Seville. Sour orange.

84565. CITRUS sp. Rutaceae.

From Holguin, Cuba. Seeds presented by Thomas R. Towns. Received January 9, 1930.

Shaddock. A variety used as stock for the navel orange, but not considered as good for grapefruit.

84566 to 84568. PSIDIUM GUAJAVA L. Myrtaceae. Guava.

From Aguascalientes, Mexico. Seeds presented by Mrs. Julia C. de Diaz. Received January 24, 1930.

84566. China limpia.

84567. Media China. (Light.)

84568. Media China. (Dark.)

84569 to 85023.

From Chosen and Japan. Seeds collected by P. H. Dorsett and W. J. Morse, agricultural explorers, Bureau of Plant Industry. Received January 20, 1930.

84569. FAGOPYRUM ESCULENTUM Moench. Polygonaceae. Buckwheat.

No. 3118. From Kiho, Chosen, December 7, 1929. Secured from a grain dealer.

84570. HORDEUM VULGARE PALLIDUM Seringe. Poaceae. Six-rowed barley.

No. 3230. *Zairaito.* From Keijo, Chosen, December 12, 1929. From the Keikido-Nando Seed and Nursery Farm. Original green barley.

84571. to 84577. PHASEOLUS ANGULARIS (Willd.) W. F. Wight. Fabaceae. Adzuki bean.

84571. No. 3430. Manchuria select. Shimonoski, Japan, December 8, 1929. Small brownish red beans, used for sprouts and also for confections.

84572 to 84577. From the Saitama Agricultural Experiment Station, Urawa, December 12, 1929. Varieties which should be tried for sprouting.

84572. No. 3489. Maruba asuki. Small glossy red beans with a prominent white hilum; used for making various confections.

84573. No. 3490. Usuaka asuki. Small pinkish buff colored beans used for making confections.

84574. No. 3491. Akahihaku azuki. Medium-small red and white beans; used for confections.

84575. No. 3492. Chunagon azuki. A small glossy red bean with a prominent white hilum; used for making confections.

84576. No. 3493. Kintok azuki. A medium small glossy red bean; used for making confections.

84577. No. 3494. Kensaki. A medium small glossy red bean with prominent white hilum; used for making confections.